II. Amendments to the Specification

Please amend the paragraph beginning on line 1, page 11 as follows:

Finally in FIG. 4 a detail of the foil 1 from FIG. 1 can be seen in cross-section in the region of a contact surface 3, where the foil 1 has a substructure 9 superimposed on the microstructure 4. The substructure 9, which imparts hydrophobic properties, caused by the Lotus effect, to the foil 1 in the surroundings of the contact surfaces 3, is realized ~~realised~~ by a coating 8 applied to one side of the foil 1. In addition to the typical length scale 11 of the microstructure 4 (on the left in the diagram), a length scale 11 of a smaller order of magnitude, typical for the substructure 9, of ~~10~~ 1 µm is indicated (on the right in the diagram). In the case of the substructure 9, the typical length scale 11 is defined as the centre distance between adjacent raised parts formed by the substructure 9. A surface of the foil 1 in the surroundings of the contact surfaces 3, which has a fractal structure, for example due to a corresponding coating 8, and in which therefore corresponding surface structurings are repeated on scales of even smaller orders of magnitude. In this way the Lotus effect, which encourages the draining of reaction products in the region of the channel bases, can be further intensified.